

BS01326

U.S. Application No. 10/029,172 Art Unit 2612
Submission of Amendment with RCE in Response to September 25, 2006 Final Office Action

AMENDMENT TO THE CLAIMS

1. (Currently Amended) A set top box, comprising:

a port coupled to a processor and sending receiving resource information associated with the set top box describing a number of disk drives and a capacity of each disk drive;

the port receiving an operating instruction;

wherein the processor executes the operating instruction to repartition the capacity of a disk drive

~~a database in the set top box storing configuration information for the set top box;~~
and

~~a processor comparing the resource information to the configuration information and, when the resource information differs from the configuration information, detecting unauthorized modifications to the set top box.~~

2. (Currently Amended) The device according to claim 1, wherein the operating instruction causes the processor to limit the capacity of the disk drive ~~causes operating instructions to be communicated to the set top box.~~
3. (Currently Amended) The device according to claim 1, wherein the operating instruction causes the processor to increase the capacity of the disk drive ~~causes data to be communicated to the set top box.~~
4. (Currently Amended) The device according to claim 1, further comprising a firewall capable of analyzing the operating instruction ~~resource information.~~
5. (Previously Presented) The device according to claim 4, wherein the firewall is disposed logically between the port and other components associated with the set top box.

BS01326

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6. (Currently Amended) The device according to claim 1, wherein the processor receives ~~the~~ resource information from a remote resource manager operating in the set top box.

7. (Currently Amended) A set top box comprising:

a first port capable of communicating with a first communications network,

a second port capable of communicating ~~communication~~ with a second communications network and capable of receiving an operating instruction ~~resource information~~ from the second communications network;

a tuner in communication with the first communications network and capable of selecting a program;

a resource manager storing ~~the~~ resource information associated with the set top box describing a number of disk drives and a capacity of each disk drive, ~~the resource manager comparing the resource information to configuration information and, when the resource information differs from the configuration information, the resource manager detects unauthorized modifications to the set top box;~~

a processor coupled to the first port, the second port, the tuner, and the resource manager, the processor executing the operating instruction to repartition the capacity of a disk drive; and

a firewall in communication with the second port, the firewall capable of receiving communications from the second port and capable of filtering the information received from the second communications network.

8. (Currently Amended) The set top box according to claim 7, wherein the operating instruction causes the processor to limit the capacity of the disk drive ~~firewall includes packet filtering.~~

9. (Currently Amended) The set top box according to claim 7, wherein the operating instruction causes the processor to increase the capacity of the disk drive ~~firewall includes a proxy service.~~

BS01326

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10. (Currently Amended) The set top box according to claim 7, wherein the firewall includes stateful inspection.
11. (Currently Amended) The set top box according to claim 7, wherein the firewall is capable of analyzing information formatted in a communications protocol.
12. (Currently Amended) The set top box according to claim 7, wherein after the operating instruction has been executed, receiving an interrogation via the second port that again retrieves the resource information to verify the disk drive was repartitioned the set top box further comprises a remote resource manager capable of receiving instructions from the second communications network.
13. (Cancel)
14. (Cancel)
15. (Cancel)
16. (Cancel)
17. (Cancel)
18. (Currently Amended) A method, comprising:
 - initiating communication ~~communicating~~ between a set top box and a service provider;
 - sending ~~receiving~~ resource information associated with the set top box describing a number of disk drives and a capacity of each disk drive;
 - receiving an operating instruction; and
 - executing the operating instruction to repartition the capacity of a disk drive
 - ~~comparing the resource information to configuration information stored in a database; and~~

BS01326

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~~detecting unauthorized modifications to the set top box when the resource
information differs from the configuration information.~~

19. (Currently Amended) A method according to claim 18, wherein executing the operating instruction comprises limiting the capacity of the disk drive ~~further comprising the step of communicating data from the service provider to the set top box.~~
20. (Currently Amended) A method according to claim 18, wherein executing the operating instruction comprises increasing the capacity of the disk drive ~~further comprising the step of communicating operating instructions to the set top box.~~